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### [PDF] [A formal approach to MpSoC performance verification](#)

K Richter, M Jersak, R Ernst - Computer, 2003 - cadal.cse.nsysu.edu.tw

... The **scheduling** transforms a **periodic** input **event** stream (process activation) into an **event** stream with **burst** at the component outputs. ...

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### [Model composition for scheduling analysis in platform design- \(PDF\)](#)

K Richter, D Ziegenbein, M Jersak, R Ernst - Proceedings of the 39th conference on Design automation, 2002 - portal.acm.org

... times for static priority process **scheduling** combined with a ... time analysis, there are four **event** models of ... another parameter to the **periodic model**, the jitter ...

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### [Event model interfaces for heterogeneous system analysis- \(PDF\)](#)

K Richter, R Ernst - Design, Automation and Test in Europe Conference and ..., 2002 - ieeexplore.ieee.org

... to a **model** of **periodic** output events ... Monotonic **Scheduling** (DMS) as optimal **scheduling** strategy or ... the following called "sporadic **event** model" and "burst" ...

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### [PDF] [Timed automata templates for distributed embedded system architectures](#)

S Perathoner, E Wandeler, L Thiele - 2005 - tilk.ee.ethz.ch

...  $x > W$   $L := P$ ,  $W := P$   $x := W$   $x := 0$ ,  $L := J$ ,  $W := P$  Figure 7: TA **model** of a **periodic event stream** with **burst** 3 A simple TDMA **scheduling model** The ...

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### [Periodic event execution control mechanism](#)

T Pham - US Patent App. 10/624,165, 2003 - Google Patents

... Another **mode** is a **burst mode** in which the service ... of a method 200 of **scheduling** **periodic events** ... for use in embodiments of the **periodic event scheduler** 106 shown ...

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## Scheduling analysis integration for heterogeneous multiprocessor SoC- · psu.edu (PDF)

K Richter, R Racu, R Ernst - 24th IEEE Real-Time Systems Symposium, 2003. RTSS 2003, 2003 - ieeexplore.ieee.org

... models (**periodic**, jitter, sporadic, and **burst**) and apply ... using only the simple  
(comprehensible) **event** models ... because of a fixed **periodic scheduling** (as found ...

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## EVIDENCE OF 1122 Hz X-RAY BURST OSCILLATIONS FROM THE NEUTRON STAR X-RAY TRANSIENT XTE J1739 285

D Götz, E Kuulkers, JA Tomsick - The Astrophysical Journal, 2007 - iop.org

... and the discovery of kilohertz quasi- periodic oscillations (kHz ... channels 6–26 in  
the **event mode** data ... Swank and Evan Smith, for **scheduling** these observations. ...

Related articles - Web Search

## Network emulation in the Vint/NS simulator- · psu.edu (PDF)

K Fall - IEEE International Symposium on Computers and Communications ..., 1999 - ieeexplore.ieee.org

... all, the **scheduler** executes a pending U0 **event** and restarts ... specify the real-time  
sync'd **scheduler** set bpf ... raw IP network objects, plus a **periodic** packet loss ...

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## [PDF] · Compositional Scheduling Analysis Using Standard Event Models

K Richter - bib1lp1.rz.tu-bs.de

... 144 6.25 **Scheduling** Diagrams of All Experiments 145 ... List of Figures 6.27 Polling  
a Periodic Stream with Burst 150 ... 153 6.29 Existing **Event** Adaptation Functions ...

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## Efficient data layout, **scheduling** and playout control in MARS- · kfuom.edu.sa (PDF)

MM Buddhikot, GM Parulkar - Multimedia Systems, 1997 - Springer

... Also, a new process-**scheduling** technique called real ... is employed to support **periodic**  
**event** processing required ... with-Constraints (SVC) or “near- video”, and ...

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